| Dof       | 11:4- | Sareh Ouar   | DDs   | Defe di             | DI :    | T: C:            |
|-----------|-------|--|---|---------------------|---------|------------------|
| Ref<br>#  | Hits  | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp       |
| L2        | 0     | (shift near5 level) near20 (header footer transmitted) and audio near20 (transmit\$4 transmission broadcast\$3 deliver\$3 receiv\$3) and dynamic near5 compress\$4 | US-PGPUB;<br>USPAT                                      | OR                  | ON      | 2005/12/12 00:59 |
| L3        | 125   | (shift near5 level) and dynamic near5 compress\$4  | US-PGPUB;<br>USPAT                                      | OR                  | ON      | 2005/12/12 01:00 |
| L5        | 10    | (shift near5 level) same dynamic near5 compress\$4   | US-PGPUB;<br>USPAT                                      | OR .                | ON      | 2005/12/12 01:00 |
| S1        | 1     | "10".src. and "067143".ap.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/01/21 09:59 |
| S2        | 29    | (multi\$1channel multi adj channel)<br>near5 normaliz\$5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/01/13 17:35 |
| S3        | 5     | (multi\$1channel multi adj channel)<br>near5 normaliz\$5 near20 (audio<br>music)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/01/13 17:55 |
| S4        | 5     | (multi\$1channel multi adj channel) near5 normaliz\$5 with (audio music)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/01/13 17:55 |
| S5        | 10    | (multi\$1channel multi adj channel)<br>near5 normaliz\$5 and (audio<br>music)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/01/13 17:57 |
| S6        | 48    | normaliz\$5 near5 (audio music)<br>near20 digit\$5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/01/13 18:34 |
| <b>S7</b> | 216   | lpcm and dvd   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/01/13 18:37 |
| S8        | 20    | lpcm near5 dvd   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/01/13 18:35 |

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| S9  | 42  | lpcm near15 dvd  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;            | OR | OFF | 2005/01/20 14:03 |
|-----|-----|--|---|----|-----|------------------|
| S10 | 14  | "linear pulse code modulation"<br>near15 dvd   | IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB     | OR | OFF | 2005/01/13 18:36 |
| S11 | 4   | (multi-channel multi adj channel<br>multichannel) near5 lpcm near15<br>dvd                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/20 16:46 |
| S12 | 8   | (multi-channel multi adj channel<br>multichannel) near5 lpcm   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/20 14:10 |
| S13 | 269 | (multi-channel multi adj channel<br>multichannel) near5 pcm  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/20 14:29 |
| S14 | 22  | (multi-channel multi adj channel<br>multichannel) near5 pcm near15<br>dvd                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/20 14:10 |
| S15 | 57  | (multi-channel multi adj channel<br>multichannel) near5 pcm and dvd                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/20 14:13 |
| S16 | 2   | (multi-channel multi adj channel<br>multichannel) near5 pcm and<br>normalize                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/20 14:29 |
| S17 | 11  | (multi-channel multi adj channel<br>multichannel) near5 pcm and<br>normaliz\$5                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/20 14:59 |
| S18 | 0   | (multi-channel multi adj channel<br>multichannel) near5 pcm and<br>(normaliz\$5 near5 (volume gain)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/20 14:35 |

| S19 | 3829 | (normaliz\$5 near5 (volume gain))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/20 14:35 |
|-----|------|--|---|----|-----|------------------|
| S20 | 167  | (normaliz\$5 near5 (volume gain)) and pcm  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/20 14:35 |
| S21 | 7    | (normaliz\$5 near5 (volume gain))<br>near15 pcm  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/20 14:36 |
| S22 | 55   | (normaliz\$5 near5 (volume gain))<br>near15 audio  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/20 14:38 |
| S23 | 104  | (normaliz\$5 near5 (volume gain))<br>near15 (stor\$4)                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/06 13:34 |
| S24 | 78   | stor\$4 near5 denormaliz\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/20 14:40 |
| S25 | 22   | stor\$4 near5 gain adj factor and audio  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/20 16:21 |
| S26 | 1    | stor\$4 near5 normaliz\$5 adj factor<br>and audio  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/20 14:43 |
| S27 | 0    | stor\$4 near5 denormaliz\$5 adj<br>factor and audio                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/20 14:43 |
| S28 | 0    | (packed near5 (multichannel<br>multi?channel)) near20 (ancillary<br>auxiliary meta?data) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/20 15:02 |

|     |      |   |   | <del></del> |      |                  |
|-----|------|---|---|-------------|------|------------------|
| S29 | 18   | (packed near5 (multichannel multi?channel))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | OFF  | 2005/01/20 15:01 |
| S30 | 4385 | (audio music) near20 (ancillary auxiliary meta?data)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | OFF  | 2005/01/20 15:02 |
| S31 | 43   | (audio music) near20 ((ancillary auxiliary meta?data) near5 quality)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | OFF  | 2005/01/20 16:02 |
| S32 | 7    | stor\$4 near5 gain adj factor and<br>pcm  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | OFF  | 2005/01/20 16:40 |
| S33 | 0    | modulat\$4 near5 (mpeg-2 adj<br>"layer 1")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | OFF  | 2005/01/20 16:41 |
| S34 | 143  | modulat\$4 near5 (mpeg-2)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | OFF  | 2005/01/20 16:41 |
| S35 | 0    | (pcm or pulse adj code adj<br>modulation) near10 normalization<br>near10 (ancillary auxiliary<br>meta?data) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | OFF  | 2005/01/20 16:47 |
| S36 | 3    | (pcm or pulse adj code adj<br>modulation) near10 normalization<br>and audio                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | OFF  | 2005/01/20 16:49 |
| S37 | 7    | (pcm or pulse adj code adj<br>modulation) near10 normalization  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | OFF  | 2005/01/20 16:49 |
| S38 | 1    | ("6377862").PN.   | USPAT   | OR          | OFF  | 2005/01/20 17:42 |
| S39 | 20   | (level\$1shift\$3 level near3 shift\$3)<br>near10 (bit quantization) near20<br>(audio music)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | ON . | 2005/06/27 14:50 |

| S40 | 22  | (level\$1shift\$3 level near3 shift\$3)<br>near20 (bit quantization) near20<br>(audio music)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/27 14:51 |
|-----|-----|---|---|----|----|------------------|
| S41 | 1   | (level\$1shift\$3 level near3 shift\$3) near20 (reduc\$4 decreas\$3 remov\$3) near20 (bit\$length word\$length (word bit) adj length) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/27 14:53 |
| S42 | 21  | (level\$1shift\$3 level near3 shift\$3)<br>near20 (bit\$length word\$length<br>(word bit) adj length)                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/06/27 14:53 |
| S43 | 8   | normaliz\$5 near20 (reduc\$4)<br>near20 (bit\$1length word\$1length<br>(word bit) near5 length)                                       | US-PGPUB;<br>USPAT                                      | OR | ON | 2005/07/06 13:47 |
| S44 | 10  | normaliz\$5 near20 (reduc\$4)<br>near20 (bit\$1length word\$1length<br>(word bit) near5 length)                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT             | OR | ON | 2005/07/06 13:49 |
| S45 | 75  | normaliz\$5 near20 (reduc\$4)<br>near20 (transmi\$5)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT             | OR | ON | 2005/07/06 15:22 |
| S46 | 190 | mu-law near10 compression   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT             | OR | ON | 2005/07/06 15:22 |
| S47 | 20  | mu-law near10 compression near10 audio  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT             | OR | ON | 2005/07/06 15:25 |
| S48 | 15  | (bit\$1mask\$3 bit near4 mask\$3)<br>near10 amplitude   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT             | OR | ON | 2005/07/06 15:29 |
| S49 | 5   | (bit\$1mask\$3 bit near10 mask\$3)<br>near20 amplitude near10 (max\$4<br>peak)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT             | OR | ON | 2005/07/06 15:30 |
| S50 | 145 | (bit\$1mask\$3 bit near10 mask\$3)<br>near20 amplitude  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT             | OR | ON | 2005/07/06 15:50 |
| S51 | 139 | (bit\$1mask\$3 bit near10 mask\$3)<br>near20 amplitude  | US-PGPUB;<br>USPAT                                      | OR | ON | 2005/07/06 15:31 |

| S52 | 4933 | (shift\$3 rotat\$3) near20<br>normaliz\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/06 15:50 |
|-----|------|--|---|----|----|------------------|
| S53 | 16   | (shift\$3 rotat\$3) near20<br>normaliz\$5 with (audio music<br>sound)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/07 18:08 |
| S54 | 698  | 700/94.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/07 18:09 |
| S55 | 197  | 700/94.ccls. and (normaliz\$5 shift\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/07 18:09 |
| S56 | 21   | 700/94.ccls. and level near5 shift\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/07 18:09 |
| S57 | 105  | normali\$6 near20 (long short running) near10 (time average) and audio   | US-PGPUB;<br>USPAT                          | OR | ON | 2005/12/11 16:00 |
| S58 | 2    | normali\$6 near20 (long short<br>running) near10 (time average)<br>and audio near10 packet   | US-PGPUB;<br>USPAT                          | OR | ON | 2005/12/11 16:00 |
| S59 | 31   | normali\$6 near20 (long short running) near10 (time average) and audio near20 (transmit\$4 transmission broadcast\$3 deliver\$3 receiv\$3)   | US-PGPUB;<br>USPAT                          | OR | ON | 2005/12/11 16:08 |
| S60 | 17   | (gain normali\$6 volume) near20<br>(long short running) near10 (time<br>average) and audio near20<br>(transmit\$4 transmission<br>broadcast\$3 deliver\$3 receiv\$3)<br>and (pumping breathing)                  | US-PGPUB;<br>USPAT                          | OR | ON | 2005/12/11 16:17 |
| S61 | 10   | (compress\$3 expand\$3 expansion) near20 (profile characteristic level) near20 (header footer transmitted) and audio near20 (transmit\$4 transmission broadcast\$3 deliver\$3 receiv\$3) and (pumping breathing) | US-PGPUB;<br>USPAT                          | OR | ON | 2005/12/11 16:54 |
| S62 | 278  | (compress\$3 expand\$3 expansion) near20 (profile characteristic level) near20 (header footer transmitted) and audio near20 (transmit\$4 transmission broadcast\$3 deliver\$3 receiv\$3)                         | US-PGPUB;<br>USPAT                          | OR | ON | 2005/12/11 16:30 |

| S63 | 68 | (compress\$3 expand\$3 expansion)<br>near20 (profile characteristic level)<br>near20 (header footer) and audio<br>near20 (transmit\$4 transmission<br>broadcast\$3 deliver\$3 receiv\$3)                               | US-PGPUB;<br>USPAT | OR | ON | 2005/12/11 16:27 |
|-----|----|--|--------------------|----|----|------------------|
| S64 | 4  | (compress\$3 expand\$3 expansion) near20 (profile characteristic level) near20 (header footer) and audio near20 (transmit\$4 transmission broadcast\$3 deliver\$3 receiv\$3) and dynamic near5 compress\$4             | US-PGPUB;<br>USPAT | OR | ON | 2005/12/11 16:28 |
| S65 | 28 | (compress\$3 expand\$3 expansion) near20 (profile characteristic level) near20 (header footer transmitted) and audio near20 (transmit\$4 transmission broadcast\$3 deliver\$3 receiv\$3) and dynamic near5 compress\$4 | US-PGPUB;<br>USPAT | OR | ON | 2005/12/12 00:59 |